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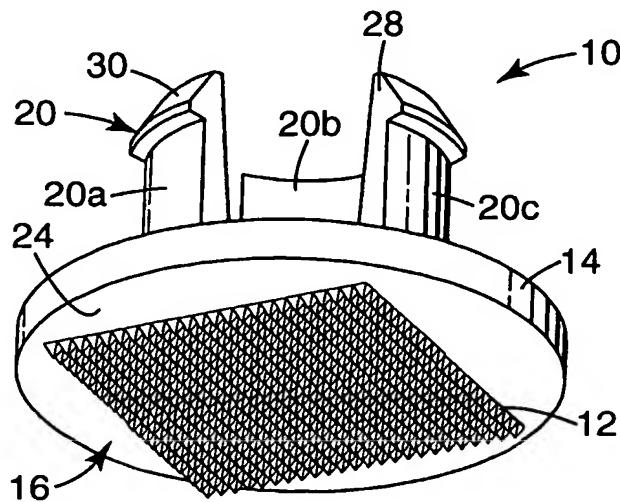
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(54) Title: MEDICAL DEVICES AND KITS INCLUDING SAME



(57) Abstract: A medical device is described, comprising an array (10) comprising microstructures (12) configured to penetrate the stratum corneum upon impact, and a connection member (20) affixed to the array in a one piece construction, the connection member configured to reversibly connect the medical device to an applicator. The medical devices of the invention may be used in methods requiring the penetration of skin to deliver medicaments or other substances and/or extract blood or tissue through the skin. In use, it is generally desirable to provide the microstructures at a height sufficient to penetrate the stratum corneum. A medical kit is also described, comprising the foregoing medical device and a tray (34) configured to hold the medical device.

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